

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1                    1-31. (Canceled)
- 1                    32. (Currently amended): A method of transforming data, the method  
2 comprising:  
3                    positioning a definition pointer to point at a first compound transform definition  
4 within a ~~transform process definition~~ transform definition file;  
5                    invoking a first parallel processing thread to read the pointed at first compound  
6 transform definition;  
7                    searching data to be transformed for a data element to be transformed, the search  
8 being responsive to the first compound transform definition;  
9                    calling a dynamic function defined in the ~~first compound transform definition~~  
10 transform definition file, the dynamic function located elsewhere in the transform definition file  
11 from the definition pointer position;  
12                    transforming any found data element into an output data file, responsive to the  
13 first compound transform definition and called dynamic function, a data structure of the output  
14 data file being responsive to a data structure of the ~~transform process definition~~ first compound  
15 transform definition;  
16                    positioning a definition pointer to point at a second compound transform  
17 definition within the ~~transform process definition~~ transform definition file;  
18                    invoking a second parallel processing thread to read the pointed at second  
19 compound transform definition;  
20                    searching data to be transformed for another data element to be transformed, the  
21 search being responsive to the second compound transform definition; and

transforming any found data element into the output data file, responsive to the second compound transform definition, the data structure of the output data file being responsive to the data structure of the ~~transform process definition~~ second compound transform definition.

33. (Currently amended): The method of claim 32, further including determining a type of the read first compound transform definition and, ~~if the first compound transform definition is not a simple transform definition type, based on a determination that the~~ first compound transform definition is compound, recursively calling the method of claim 32.

34. (Original): The method of claim 32, further including determining if all sub-definitions of a compound transform definition have been processed.

35. (Original): The method of claim 32, wherein the method of transforming data includes nesting of a data element.

36. (Previously presented): The method of claim 32, further including, if no data element is found in either step of searching data to be transformed, adding an output data element to the output data file responsive to the read first compound transform definition, the data to be transformed having no contribution to the output data element.

37. (Previously presented): The method of claim 32, wherein the read first compound transform definition includes a value parameter configured to specify a value for inclusion in the output data file.

38. (Original): The method of claim 32, wherein the data element is a compound data element and the read transform definition includes a source record parameter configured to specify the compound data element.

39. (Previously presented): The method of claim 32, wherein the read first compound transform definition is in a meta-language format.

1                   40.     (Original): The method of claim 32, wherein the data to be transformed  
2 data is in a meta-language data format.

1                   41.     (Previously presented): The method of claim 32, wherein the read first  
2 compound transform definition includes a transform element having an output field name and a  
3 source field parameter.

1                   42.     (Previously presented): The method of claim 32, wherein the read first  
2 compound transform definition includes a value parameter configured to populate a field in the  
3 output data file.

1                   43.     (Canceled)

1                   44.     (Currently amended): A method of transforming data, the method  
2 comprising:  
3                   positioning a definition pointer to point at a first compound transform definition,  
4 the first compound transform definition being within a ~~transform process definition~~ transform  
5 definition file;  
6                   invoking a first parallel processing thread to read the pointed at first compound  
7 transform definition and sub-definitions of the first compound transform definition;  
8                   positioning a first payload pointer to point at a first data element to be  
9 transformed, the positioning of the first payload pointer being responsive to a data structure of  
10 the first compound transform definition;  
11                   calling a dynamic function defined in the ~~first compound transform definition~~  
12 transform definition file, the dynamic function located elsewhere in the transform definition file  
13 from the definition pointer position;  
14                   transforming the first data element into an output data file, responsive to the read  
15 first compound transform definition and called dynamic function;

16            positioning the definition pointer to point at a second compound transform  
17 definition, the second compound transform definition being within the ~~transform process~~  
18 ~~definition~~ transform definition file;  
19            invoking a second parallel processing thread to read the pointed at second  
20 compound transform definition and sub-definitions of the second compound transform  
21 definition;  
22            positioning a second payload pointer to point at a second data element to be  
23 transformed, the positioning of the second payload pointer being responsive to a data structure of  
24 the second compound transform definition; and  
25            transforming the second data element into the output data file, responsive to the  
26 read second compound transform definition.

1            45.    (Currently amended): The method of claim 44, further including  
2 determining a type of the read first compound transform definition and, ~~if the read first~~  
3 ~~compound transform definition is not a simple transform definition type, based on a~~  
4 determination that the first compound transform definition is compound, recursively calling the  
5 method of claim 44.

1            46-47. (Canceled)

1            48.    (Original): The method of claim 44, further including determining if all  
2 sub-elements of a compound element have been transformed and, if the determination returns a  
3 value of YES, returning to a calling process.

1                   49.   (Canceled)

1                   50.   (Currently amended): The method of claim 44, ~~wherein the method of~~  
2 ~~transforming data includes further including~~ un-nesting of the data element to be transformed.

1                   51.   (Previously presented): The method of claim 44, wherein the read first  
2 compound transform definition includes a source field parameter configured to specify the data  
3 element.

1                   52.   (Previously presented): The method of claim 44, wherein the read first  
2 compound transform definition includes a source record parameter configured to specify the  
3 compound data element.

1                   53-55. (Canceled)

1                   56.   (Currently amended): The method of claim 44, wherein the ~~transform~~  
2 ~~process definition~~ transform definition file includes a tree data structure.

1                   57-58. (Canceled)

1                   59.     (Currently amended): A computer readable storage media having  
2 embodied thereon data, the data comprising:  
3                   computer instructions configured to position a definition pointer to point at a first  
4 compound transform definition, the first compound transform definition being within a ~~transform~~  
5 ~~process definition~~ transform definition file;  
6                   computer instructions configured to invoke a first parallel processing thread to  
7 read the pointed at first compound transform definition and sub-definitions of the first compound  
8 transform definition;  
9                   computer instructions configured to position a first payload pointer to point at a  
10 first data element to be transformed, the positioning being responsive to a data structure of the  
11 first compound transform definition;  
12                   computer instructions configured to call a dynamic function defined in the ~~first~~  
13 ~~compound transform definition~~ transform definition file, the dynamic function located elsewhere  
14 in the transform definition file from the definition pointer position;  
15                   computer instructions configured to transform the first data element into an output  
16 data file, responsive to the read first compound transform definition and called dynamic function;  
17                   computer instructions configured to position a second payload pointer to point at a  
18 second data element to be transformed, the positioning being responsive to a data structure of the  
19 second compound transform definition;  
20                   computer instructions configured to invoke a second parallel processing thread to  
21 read the pointed at second compound transform definition and sub-definitions of the second  
22 compound transform definition; and  
23                   computer instructions configured to transform the second data element into the  
24 output data file, responsive to the read second compound transform definition.

1                   60. (Original): The computer readable media of claim 59, wherein the data  
2 further comprises computer instructions configured to employ recursion to transform a  
3 compound data element within the data to be transformed.

1                   61-64. (Canceled)

1                   65. (Currently amended): An application system comprising:  
2 a computing device;  
3 means for positioning a definition pointer to point at a first compound transform  
4 definition within a ~~transform process definition~~ transform definition file;  
5 means for invoking a first parallel processing thread to read the first compound  
6 transform definition by the computing device;  
7 means for calling a dynamic function defined in the ~~first compound transform~~  
8 ~~definition~~ transform definition file, the dynamic function located elsewhere in the transform  
9 definition file from the definition pointer position;  
10 means for positioning the definition pointer to point at a second compound  
11 transform definition within the ~~transform process definition~~ transform definition file;  
12 means for invoking a second parallel processing thread to read the second  
13 compound transform definition by the computing device;  
14 means for positioning a payload pointer to point to a first data element, the first  
15 data element being a member of a plurality of data elements within data to be transformed; and  
16 means for generating an output data file using the first data element and the first  
17 and second compound transform definitions;  
18 wherein the means for positioning the definition pointer and the means for  
19 positioning the payload pointer are enabled to be invoked concurrently.

1                   66. (Currently amended): The application system of claim 65, further  
2 including means for selecting the ~~transform process definition~~ transform definition file from a set

3 of ~~transform process definitions~~ transform definition files, responsive to data associated with the  
4 data to be transformed.

1                   67.     (Currently amended): The application system of claim 65, wherein a  
2 second data element has no contribution to output data generated ~~using the transform process~~  
3 ~~definition~~, the second data element being a member of the plurality of data elements.

1                   68.     (Currently amended): The application system of claim 65, further  
2 including means for adding data to the output data file, the added data being configured  
3 responsive to the ~~transform process definition~~ transform definition file and having no  
4 contribution from the data to be transformed.